

Track 1-Systems Analysis & LowTemp - Room Standley I			Track 2 HRC - Room Westminster II			Track 3 EGS1 - Room Westminster I			Track 4 EGS2 - Room Standley II			
Time	Panel	Presenter(s), Awardee (or Organization), Project Title	Time	Panel	Presenter(s), Awardee (or Organization), Project Title	Time	Panel	Presenter(s), Awardee (or Organization), Project Title	Time	Panel	Presenter(s), Awardee (or Organization), Project Title	
8:00a-9:00a 60 min		tbd, tbd Open Meetings - TBA	8:00a-9:00a 60 min		tbd, tbd Open Meetings - TBA (room: Westminster III & IV)	8:00a-9:00a 60 min		tbd, tbd Open Meetings - TBA (room: Westminster III & IV)	8:00a-9:00a 60 min		tbd, tbd Open Meetings - TBA (room: Westminster III & IV)	
9:00a-9:30a 30 min	Low Temp: Hybrid/Value Added Systems	Tom Williams, NREL Low-Enthalpy Geothermal Desalination	9:00a-9:30a 30 min	HRC: Exploration Validation / Play Fairway Analysis	John Shervais, Utah State University Play Fairway Analysis of the Snake River Plain	9:00a-9:30a 30 min	cont'd -- EGS: High Temp Tools, Drilling Systems	Randy Norman, Perma Works Well Monitoring Systems for EGS	9:00a-9:30a 30 min	cont'd -- EGS: Enhanced Geothermal System Demonstrations	Susan Petty, AltaRock Energy, Inc. Recovery Act: Newberry Volcano EGS Demonstration	
9:30a-10:00a 30 min		David. J. Heldebrant, PNNL Geothermal Power Generation and CO2 Capture Co-Production	9:30a-10:00a 30 min		James McClain, University of California-Davis Geothermal Play Fairway Analysis of Potential Geothermal Resources in NE California, NW Nevada, and Southern Oregon	9:30a-10:00a 30 min		Grzegorz Cieslewski, SNL High Temperature Chemical Sensing Tool for Distributed Mapping of Fracture Flow in EGS	9:30a-10:00a 30 min		Eric Sonnenthal, LBNL Evaluation of Stimulation at Newberry Volcano EGS Demo Site Through Natural Isotopic Reactive Tracers and Geochemical Investigation	
10:00a-10:30a 30 min		Pete McGrail, PNNL Integrating Compressed Air Energy Storage and Geothermal for Grid-Scale Renewables Integration	10:00a-10:30a 30 min		David Norman, Washington Division of Geology and Earth Resources Geothermal Play-Fairway Analysis of Washington State Prospects	10:00a-10:30a 30 min		David Raymond, SNL High Temperature Downhole Motor	10:00a-10:30a 30 min		Peter Drakos, Ormat Nevada, Inc. Feasibility of EGS Development at Bradys Hot Springs, Nevada	
10:30a-10:40a 10 min		Audience Q&A	10:30a-10:40a 10 min		Audience Q&A	10:30a-10:40a 10 min		Audience Q&A	10:30a-10:40a 10 min		Audience Q&A	
10:40a-11:00a 20 min		Break	10:40a-11:00a 20 min		Break	10:40a-11:00a 20 min		Break	10:40a-11:00a 20 min		Break	
11:00a-11:30a 30 min		Dan Wendt, INL & Craig Turchi, NREL Geothermal risk reduction via geothermal/solar hybrid power plants	11:00a-11:30a 30 min		Phil Wannamaker, University of Utah/EGI Structurally Controlled Geothermal Systems in the Central Cascadia Arc-BackArc Regime, Oregon	11:00a-11:30a 30 min		Grzegorz Cieslewski, SNL Enhanced High Temperature/High Speed Data Link for Logging Cables	11:00a-11:30a 30 min		Sharad Kelkar, LANL Bradys and Desert Peak Numerical Modeling	
11:30a-12:00p 30 min		Greg Mines, INL Forward Osmosis Purification of Co-Produced Water	11:30a-12:00p 30 min		Teresa Jordan, Cornell University Low Temperature Geothermal Play Fairway Analysis for the Appalachian Basin	11:30a-12:00p 30 min		Toshi Sugama, BNL & Doug Blankenship, SNL Elastomeric Material Evaluation and Development	11:30a-12:00p 30 min		Nicholas Davatzes, Temple University Monitoring EGS Stimulation and Reservoir Dynamics with InSAR and MEQ	
12:00p-12:30p 30 min		Pete McGrail, PNNL Development of New Biphasic Metal Organic Working Fluids for Geothermal Systems	12:00p-12:30p 30 min		Phil Wannamaker , University of Utah/EGI Structurally Controlled Geothermal Systems in the Eastern Great Basin Extensional Regime, Utah	12:00p-12:30p 30 min		Grzegorz Cieslewski, SNL Evaluation of High Temperature Components for Use in Geothermal Tools	12:00p-12:30p 30 min		Kurt Feigl, University of Wisconsin-Madison Poroelastic Tomography by Adjoint Inverse Modeling of Data from Seismology, Geodesy, and Hydrology	
12:30p-12:40p 10 min		Audience Q&A	12:30p-12:40p 10 min		Audience Q&A	12:30p-12:40p 10 min		Audience Q&A	12:30p-12:40p 10 min		Audience Q&A	
12:40p-2:00p 80 min		tbd, tbd Lunch	12:40p-2:00p 80 min		tbd, tbd Lunch (room: Westminster III & IV)	12:40p-2:00p 80 min		tbd, tbd Lunch (room: Westminster III & IV)	12:40p-2:00p 80 min		tbd, tbd Lunch (room: Westminster III & IV)	
2:00p-2:30p 30 min	Wrap up: Hybrid/Value Added Systems Session	Yarom Polsky, ORNL Freeform Heat Exchangers for Binary Geothermal Power Plants	2:00p-2:30p 30 min	HRC: Exploration Validation / Play Fairway Analysis	Jerry Smith, Pagosa Verde LLC Recovery Act: Use Remote Sensing Data (selected visible and infrared spectrums) to locate high temp ground anomalies in Colorado.Confirm heat flow potential w/ on-site temp surveys to drill deep resource wells	2:00p-2:30p 30 min	cont'd -- EGS: High Temp Tools, Drilling Systems	Ernest L. Majer, LBNL Testing and Calibration of HT Wide-bandwidth Seismic Sensors for EGS Applications and Collaboration with IPGT Program	2:00p-2:30p 30 min	cont'd -- EGS: Enhanced Geothermal System Demonstrations	Mark Walters, Calpine - Geysers Power Company LLC Demonstration of an Enhanced Geothermal System at the Northwest Geysers Geothermal Field, California	
2:30p-2:40p 30 min		Audience Q&A	2:30p-3:00p 30 min		Dr. Greg Nash (PI) & Carlon Bennett, Ruby Mountain Inc. The Convergence of Heat, Groundwater, & Fracture Permeability: Innovative Play Fairway Modelling Applied to the Tularosa Basin	2:30p-3:00p 30 min		Grzegorz Cieslewski, SNL Deployment of Integrated Wide Bandgap Sensor, HT Packaging, and Data Communication System	2:30p-3:00p 30 min		Jonny Rutqvist, LBNL Geysers Calpine Modeling	
2:40p-3:10p 10 min		Wrap up: Hybrid/Value Added Systems Session	Wrap up: Hybrid/Value Added Systems Session		2:40p-3:10p 10 min	Richard Stephen Middleton, LANL Hydrogeologic windows: Regional Signature Detection for Blind and Traditional Geothermal Play Fairways		3:00p-3:10p 10 min	Audience Q&A		3:00p-3:10p 10 min	Sharad Kelkar, LANL Archive of Fenton Hill Data; Creation and Testing of Data Sets for Simulation and Testing
3:10p-3:40p 30 min					3:10p-3:40p 30 min	Wrap Up: High Temp Tools, Drilling Systems Session		3:10p-3:40p 30 min			3:10p-3:40p 30 min	
3:40p-4:00p 20 min	Break				3:40p-4:00p 20 min			Break	3:40p-4:00p 20 min		Break	
4:00p-4:30p 30 min		4:00p-4:30p 30 min	Gregory Newman, LBNL Iceland Geophysics: Advanced 3D Geophysical Imaging Technologies for Geothermal Resource Characterization		4:00p-4:30p 30 min			George Danko, University of Nevada, Reno Recovery Act: A New Analytic-Adaptive Model for EGS Assessment, Development and Management Support	4:00p-4:30p 30 min		Wrap Up: Enhanced Geothermal System Demonstrations Session	
4:30p-5:00p 30 min		4:30p-4:40p 10 min			4:30p-5:00p 30 min	Dr. Brian Mcpherson, University of Utah Recovery Act: Development of Chemical Model to Predict the Interactions between Supercritical Carbon Dioxide and Reservoir Rock in EGS reservoirs		4:30p-5:00p 30 min				
5:00p-5:30p 30 min		5:10p-5:40p 30 min	Play Fairway Focus Discussion with PFA Award Recipients (Eric Hass)		5:00p-5:30p 30 min	Dr. Ahmad Ghassemi, Texas Engineering Experiment Station (Texas A&M University) ① Recovery Act: Development of a Geomechanical Framework for the Analysis of MEQ in EGS Experiments (GEYSERS) ② Analysis of Geothermal Reservoir Stimulation using Geomechanics-Based Stochastic Analysis of Injection-Induced Seismicity ③ Three-dimensional Modeling of Fracture Clusters in Geothermal Reservoirs		5:00p-5:30p 30 min				
5:30p-5:40p 10 min					5:30p-5:40p 10 min	Audience Q&A		5:30p-5:40p 10 min				
5:40p-8:00p 140 min	Poster Session Networking Event in Westminster Foyer	5:40p-8:00p 140 min			Poster Session Networking Event in Westminster Foyer	5:40p-8:00p 140 min		Poster Session Networking Event in Westminster Foyer	5:40p-8:00p 140 min		Poster Session Networking Event in Westminster Foyer	